

INFORMATION SYSTEMS SECURITY LINE OF BUSINESS (ISS LOB) UPDATE

FISSEA Conference - Panel
March 11, 2008

Susan Hansche (Moderator) and Tom McMahon
Department of State

Brenda Oldfield and Michael Smith
DHS National Cyber Security Division

ISS LOB Update: Background

- Chartered to support the President's Management Agenda for Expanded E-Gov
- Value Proposition - to improve the level of IS Security across government:
 - eliminate duplication of effort
 - increase aggregate expertise
 - reallocate resources for missions
- Initially identified common IS Security needs across all branches of government

ISS LOB Update: Strategic Drivers

- Security training gaps
- Undefined Federal-wide standards for ISS skills
- Lack of common ISS career path
- Lack of common criterion for credentialing ISS professionals
- Duplication of effort: agencies are individually developing/procuring baseline content and sustaining distinct infrastructure to support ISS

ISS LOB Update: Goals

- Support performance of the Federal government's mission through improved information systems security
- Establish a mechanism to acquire, distribute and support information security solutions
- Leverage existing workforce resources and attract and retain supplemental workforce resources

ISS LOB Update: Task Force Recommendations

- Establish Common Solutions: 4 key areas
- Close security gaps by establishing Shared Service Center (SSC) model to:
 - drive better performance
 - increase expertise through specialization
 - reduce cost by providing common products and services
- Leverage a governance structure
- Use phased implementation approach

*ISS LOB Update: **SSC Update***

- FISMA Reporting:
 - DOJ and EPA

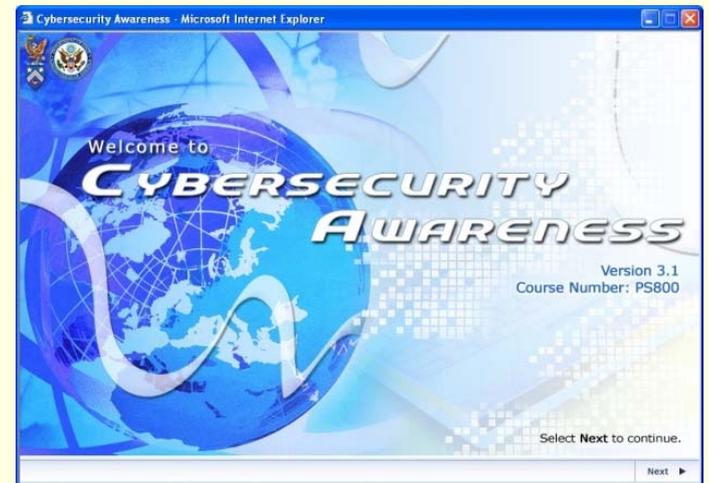
- Security Training:
 - Tier 1 - Awareness: DoD, OPM, DOS
 - Tier 2 - Role-Based Training: TBD

- Technology is not the end all; need knowledgeable and skilled staff/management

T1 Awareness Training: Joint STATE-USAID Solution

Since We Were Here Last . .

- Cybersecurity Awareness Course
 - 51,000 completions
 - Updated to reflect new mandates
- National Labor Relations Board migrated in August, 2007
- FY08 clients:
 - Environmental Protection Agency (EPA)
 - Securities and Exchange Commission (SEC)
 - U.S. Courts
 - National Labor Relations Board (NLRB) again



T1 Awareness Training: Joint STATE-USAID Solution

How it's worked so far . . .

- Discuss customer's requirements
(audience, environment, specialized content, schedule)
- Provide a cost estimate based on the requirements
- Sign a formal agreement
(scope of changes, schedule, cost, responsibilities)
- Implement the training
(funding, admin training, delivery to users, support)
- Lessons learned

T1 Awareness Training: Joint STATE-USAID Solution

Lessons Learned . . .

- Generic is not enough
- Requirements change by defining them
- No such thing as too much communication

The best part . . .

“Users were very pleased with the ease of use . . . we will continue to do business with the Department of State.”

<http://jsas.state.gov>

ISS LOB Update: T2T Working Group

Purpose:

Identify current agency role-based specialized training needs, and options to meet them

Process:

Monthly WG meetings; distributed an agency data request (Summer 2007):

- Less than half of respondents currently have a role-based security curriculum
- 80% would like a SSC to provide training services
- Indication that role definitions are ambiguous

ISS LOB Update: Issues Identified by WG

- Establish a separate IT Security Job Series
- Allocate funding explicitly for T2 training
- Develop more specific roles to those outlined in 5 CFR 930
- Request OPM consider certification-related policy
- Conduct interagency exercises for “real world” experience

ISS LOB Update: T2T Key Considerations

- Address complex challenges identified by the WG in the long term
- Ensure training quality, and currency
- Develop and share consistent role definitions, where applicable
- Promote meaningful interpretations of “those with significant security responsibilities” to ensure consistency and reduce risk from human factors
(aka - train the right people)

ISS LOB Update: T2T - Next Steps

- Finalize Shared Service Provider Application for Role-Based Training services
- Review submissions/Select Approved Providers
- Announce selections/Communicate availability
- Develop plan to explore related issues identified by the WG
- Determine process for ongoing oversight, currency, and quality control
- Continue to identify beneficial products and services
- Post products and services on web site (e.g., NIST)
- Develop strategy for future recommendations

ISS LOB Update Panel: Q/A

- **Susan Hansche**
HanscheS@state.gov
- **Thomas McMahon**
McMahonTJ1@state.gov
- **Brenda Oldfield**
Brenda.Oldfield@dhs.gov
- **Michael Smith**
Michael.C.Smith@hq.dhs.gov